Applicant: Samir Kumar Brahmachari et al. Attorney's Docket No.: 07064-010001 / 0317 - NF

Serial No.: 09/539,032 Filed: March 30, 2000

Page : 2 of 10

## Amendments to the Specification:

1. Please replace the paragraph beginning at page 7, line 14 as with the following amended paragraph:

- --i) generating computationally overlapping peptide libraries from all the protein sequences of the selected organisms available at http://www.nebi.nlm.nih.gov, providing electronic data representing peptide libraries from the protein sequences of selected organisms,
  - 2. Please replace the paragraph beginning at page 9, line 4 as with the following amended paragraph:
  - --In still another embodiment, the invariant sequences may belong to the following proteins as available in the database http://www.nebi.nlm.nih.gov a public database such as one maintained by the National Center For Biotechnology Information (NCBI), wherein the said list of proteins comprise:--
  - 3. Please replace the paragraph beginning at page 13, line 7 as with the following amended paragraph:
  - --The internet downloaded FASTA format files obtained from <a href="http://www.nebi.nlm.nih.gov">http://www.nebi.nlm.nih.gov</a> the National Center For Biotechnology Information (NCBI), database were saved by the name <organism\_name>,pep [are] and passed as input to the PERL program which creates the unique peptides of length as specified at the time of execution.--